

FIG.1A
PRIOR ART

+	+	+	+	+	+	+	+
-	-	-	-	-	-	-	-
+	+	+	+	+	+	+	+
-	-	-	-	-	-	-	-
+	+	+	+	+	+	+	+
-	-	-	-	-	-	-	-
+	+	+	+	+	+	+	+
-	-	-	-	-	-	-	-

FIG.1B
PRIOR ART

-	-	-	-	-	-	-	-
+	+	+	+	+	+	+	+
-	-	-	-	-	-	-	-
+	+	+	+	+	+	+	+
-	-	-	-	-	-	-	-
+	+	+	+	+	+	+	+
-	-	-	-	-	-	-	-
+	+	+	+	+	+	+	+

09054943-090100

FIG.2A
PRIOR ART

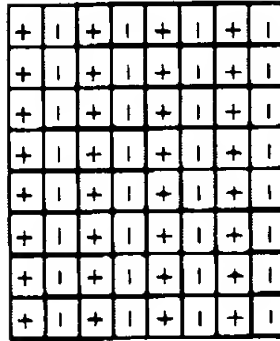
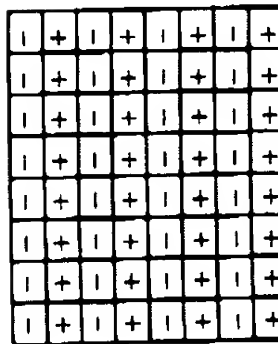


FIG.2B
PRIOR ART



03654943.050100

FIG. 3A
PRIOR ART

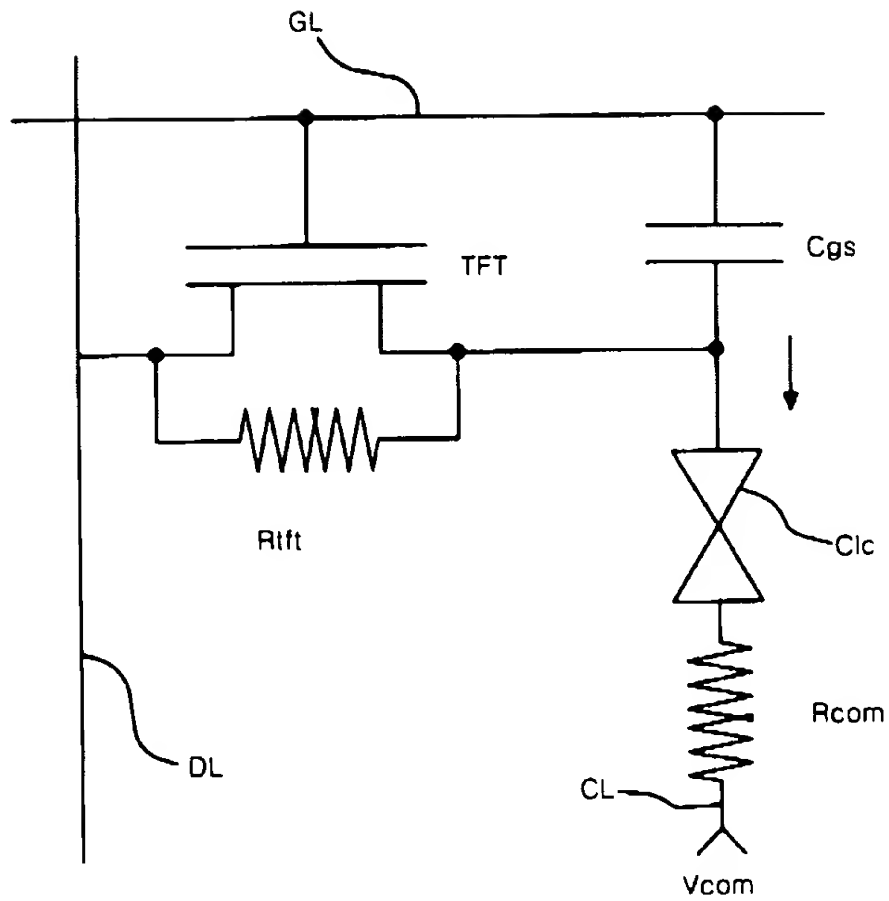
+	-	+	-	+	-	+	-
-	+	-	+	-	+	-	+
+	-	+	-	+	-	+	-
-	+	-	+	-	+	-	+
+	-	+	-	+	-	+	-
-	+	-	+	-	+	-	+
+	-	+	-	+	-	+	-
-	+	-	+	-	+	-	+

FIG. 3B
PRIOR ART

-	+	-	+	-	+	-	+
+	-	+	-	+	-	+	-
-	+	-	+	-	+	-	+
+	-	+	-	+	-	+	-
-	+	-	+	-	+	-	+
+	-	+	-	+	-	+	-
-	+	-	+	-	+	-	+
+	-	+	-	+	-	+	-

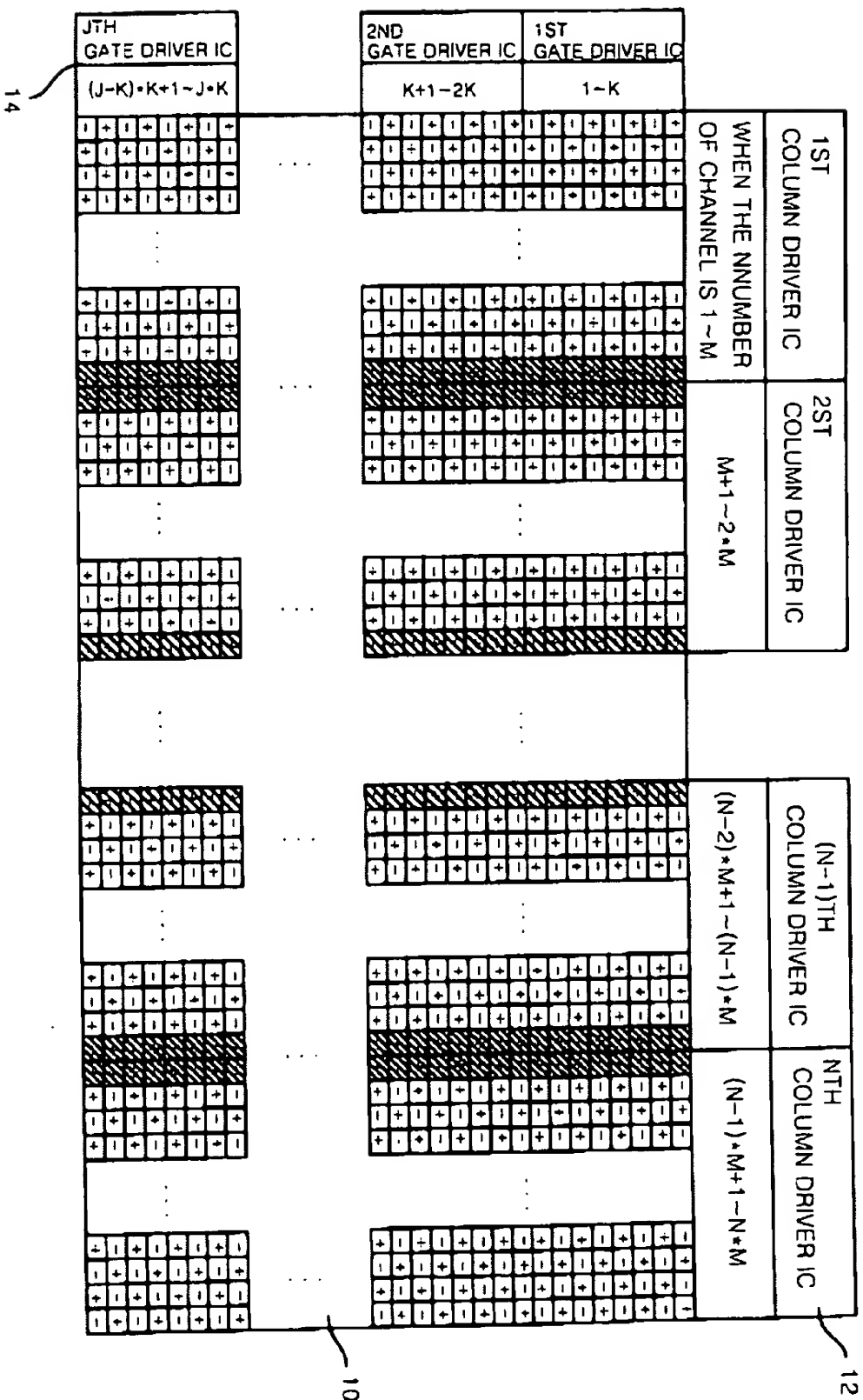
05654943-050100

FIG.4
PRIOR ART



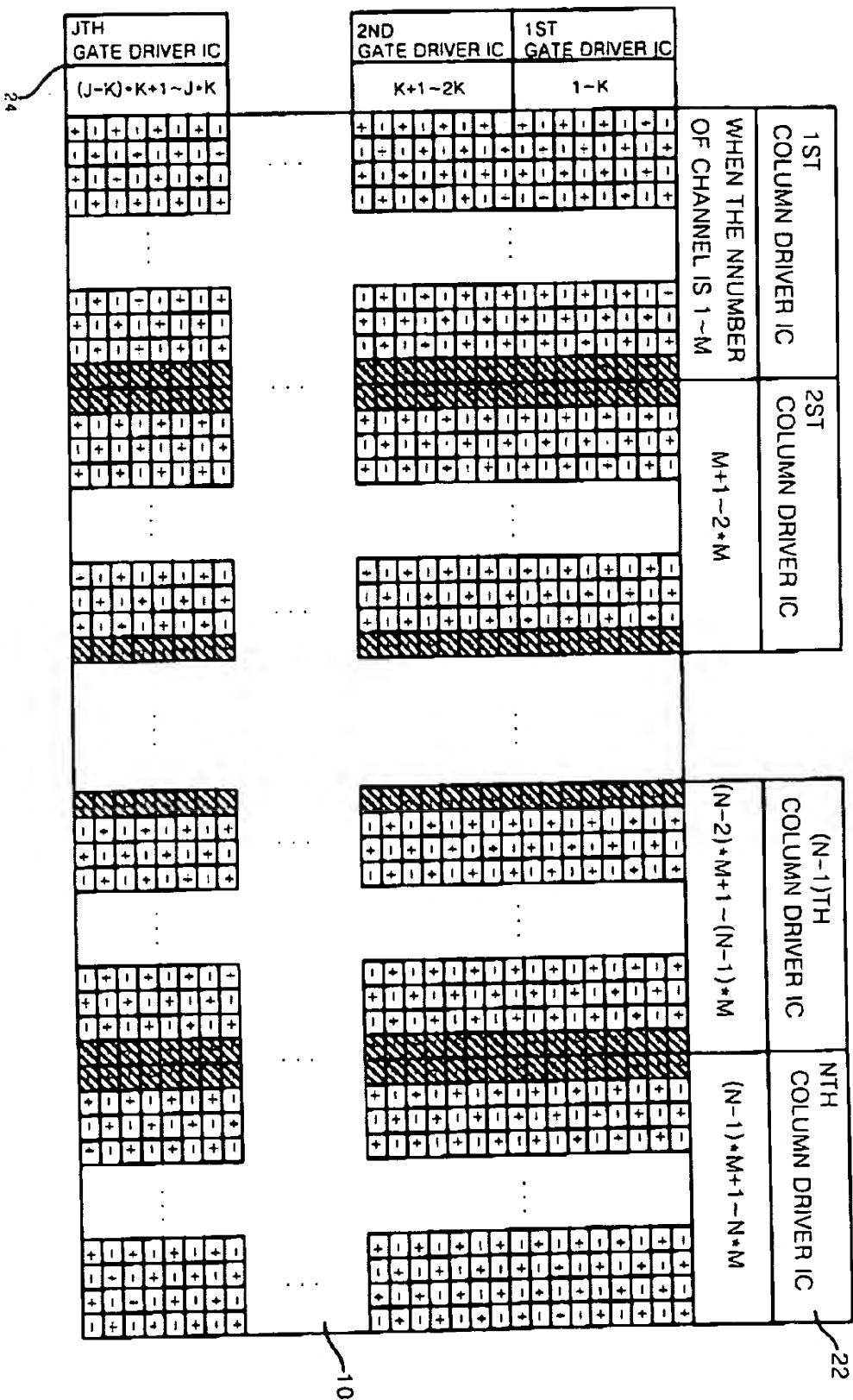
001060 544960

FIG. 5A
PRIOR ART



056543 050100

FIG. 5B
PRIOR ART



03654543-030100

FIG.6A

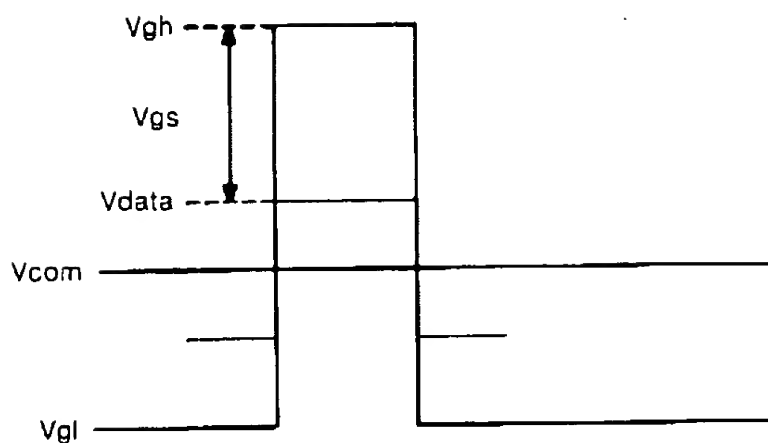
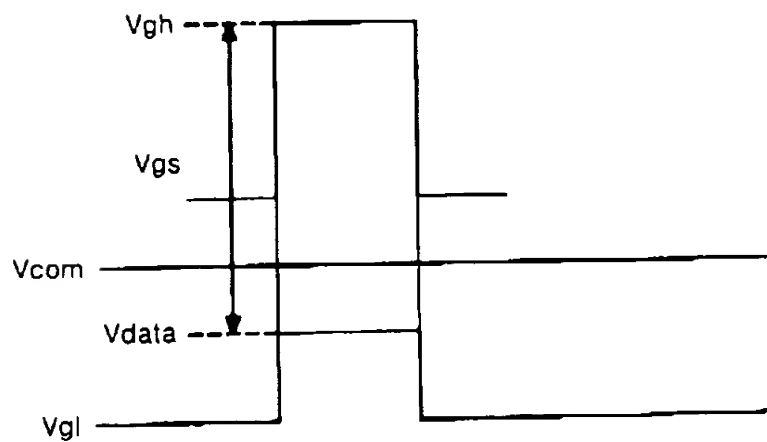
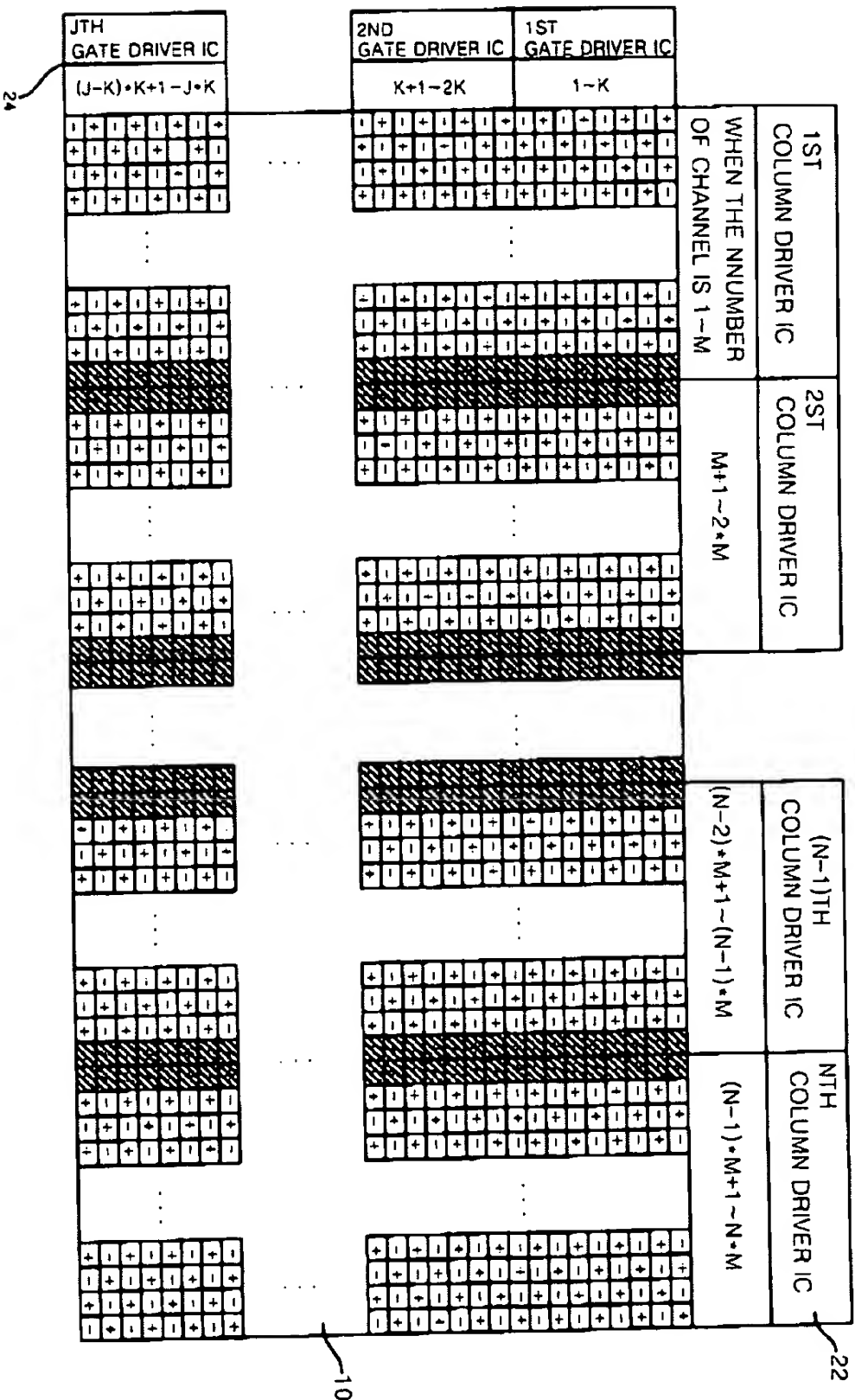


FIG.6B



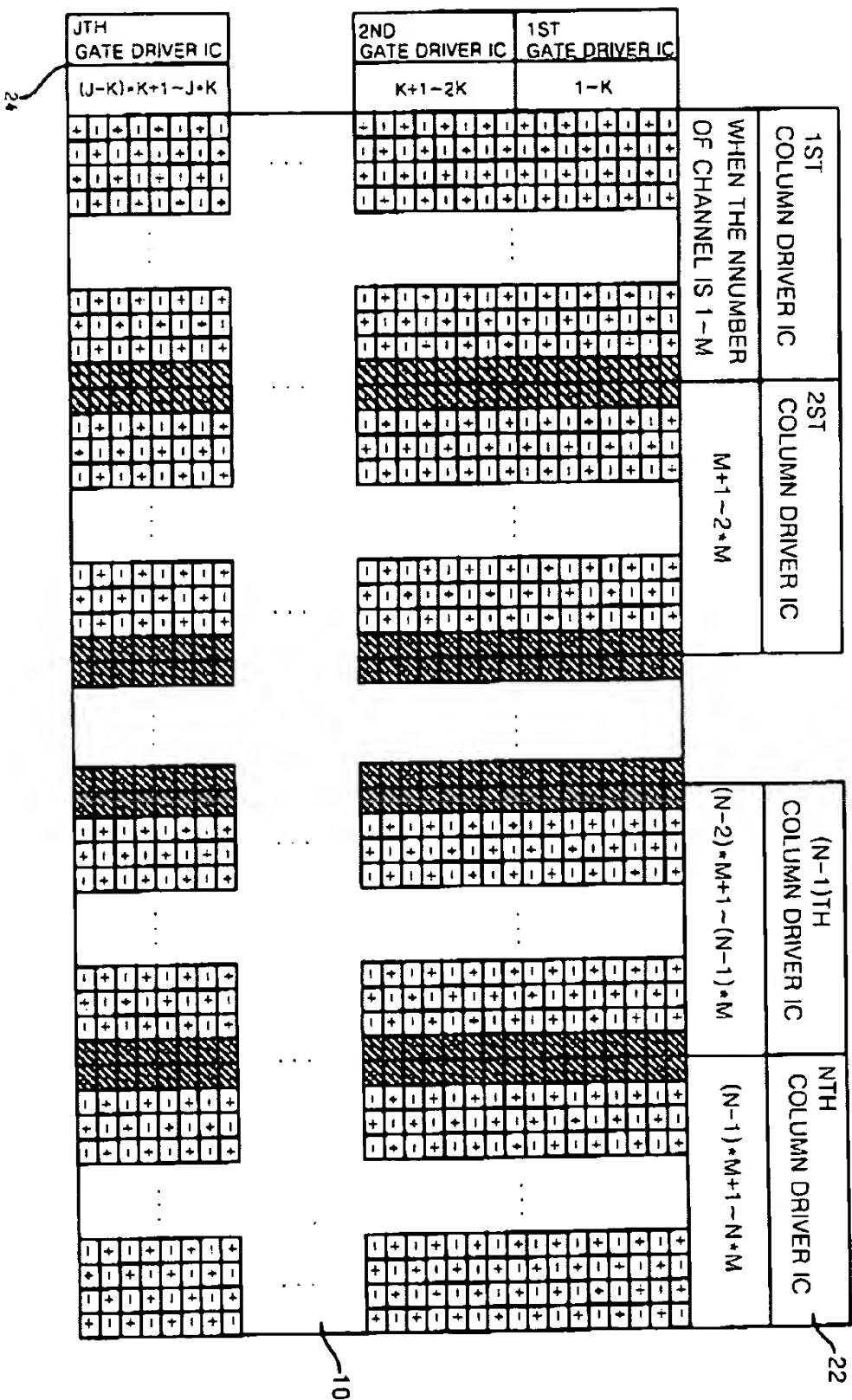
09654943-090100

FIG. 7A
PRIOR ART



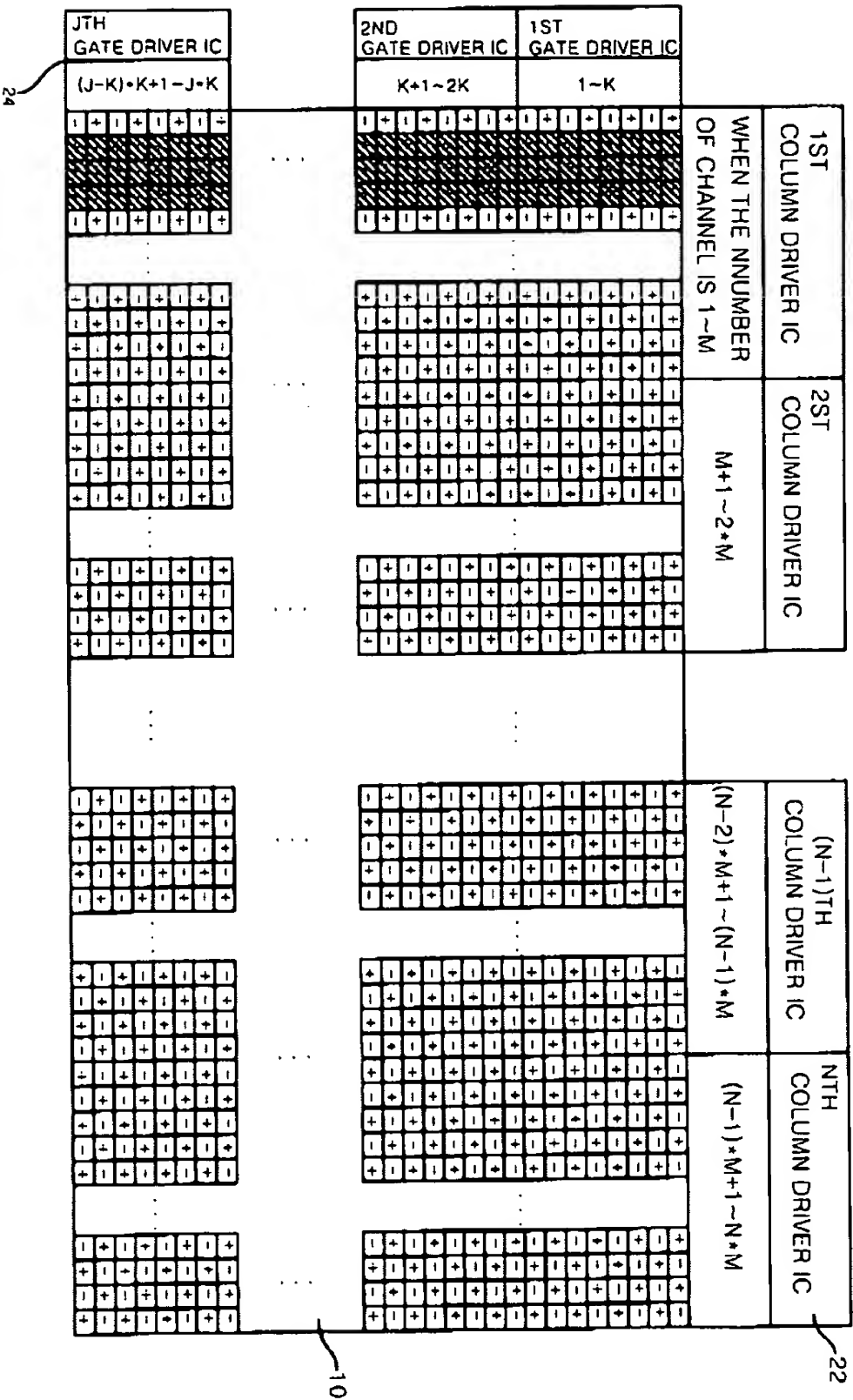
09054943-090100

FIG. 7B



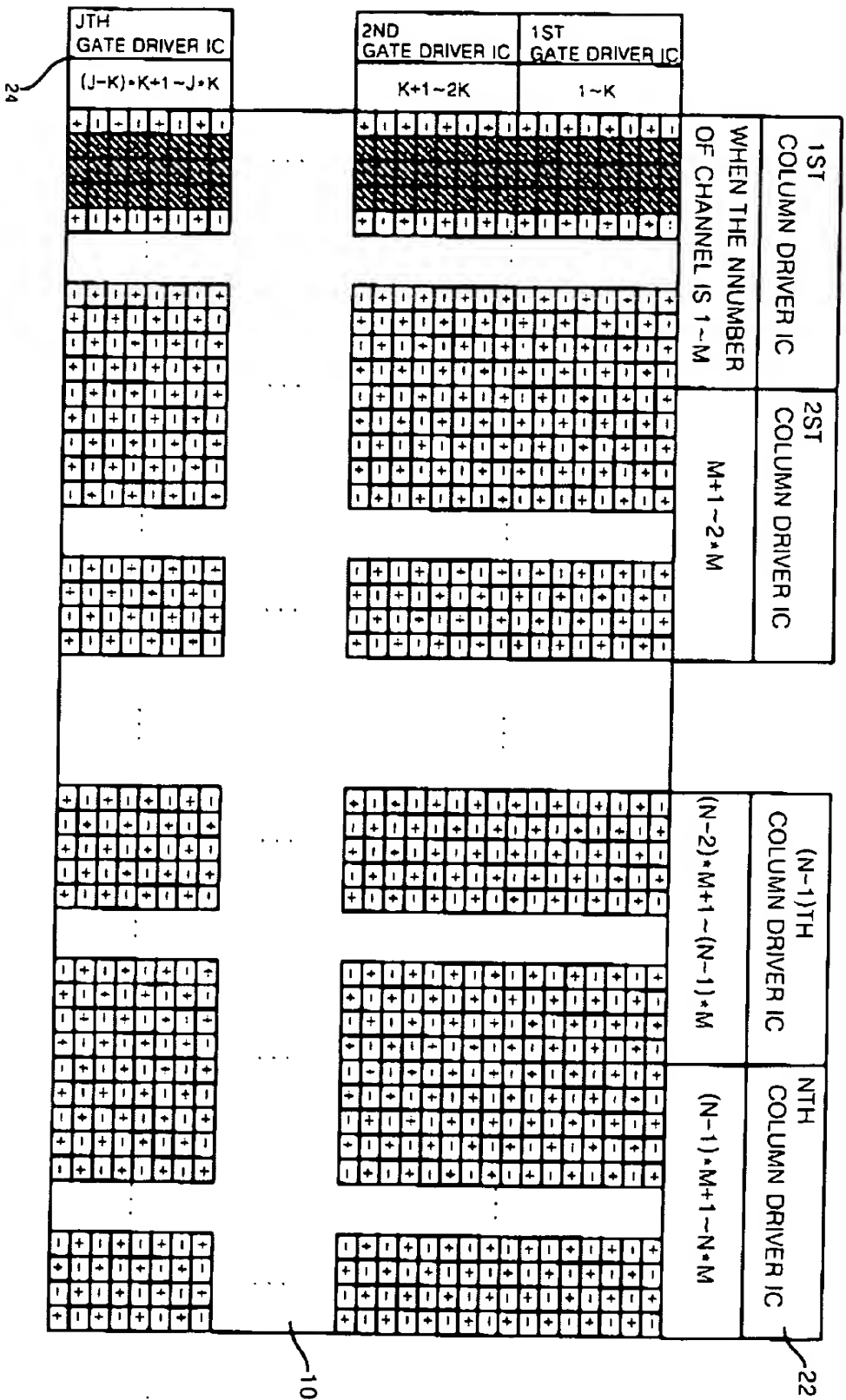
09654943 090100

FIG. 8A



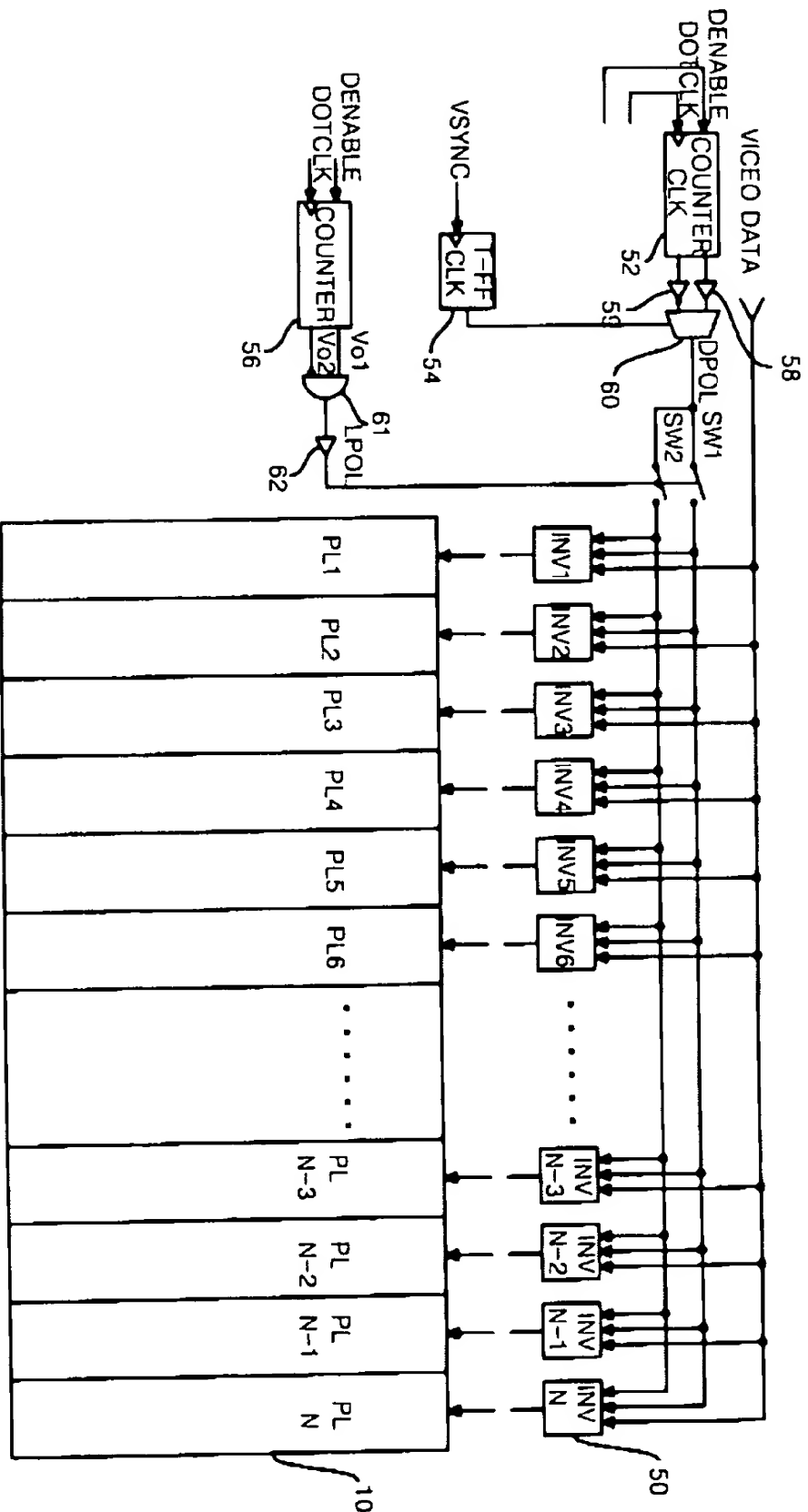
09554943 090400

FIG. 8B



05054943-090100

FIG. 9



03654943-036100

The timing diagram illustrates the relationship between several signals over time. The signals are:

- DENABLE**: An active-low signal. It starts high, then transitions to low for a duration of $1H$ (one high period). A **DATA INTERVAL** is marked during the low period. It then returns to high.
- Vo1**: The first output signal. It transitions from high to low after a delay of $8ACLK$ (8 clock periods) following the falling edge of DENABLE. It then follows the clock signal.
- Vo2**: The second output signal. It transitions from high to low after a delay of $16DCLK$ (16 clock periods) following the falling edge of DENABLE. It then follows the clock signal.
- LPOL**: An active-low signal. It transitions from high to low after a delay of $8DCLK$ (8 clock periods) following the falling edge of DENABLE. It then follows the clock signal.
- 8DCLK**: The clock signal, shown as a periodic square wave.

CONCLUSIONS

